

SECURITY INFORMATION

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## CD NO.

NO. OF PAGES 1

NO. OF ENCLS. 1 (2 pages, Diagram)  
(LISTED BELOW) 1 2 pages, Sketch)

SUPPLEMENT TO  
REPORT NO.

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repair shop, [redacted] was known before.

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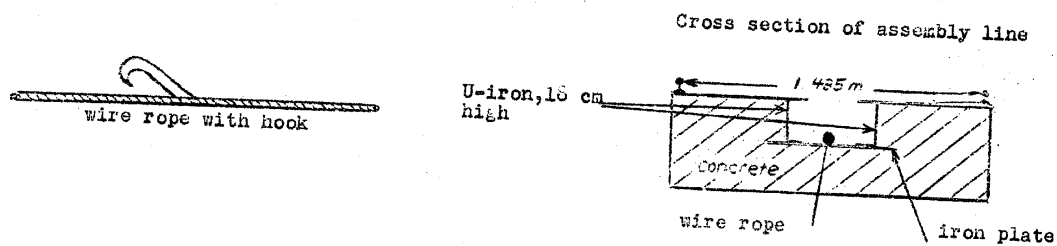
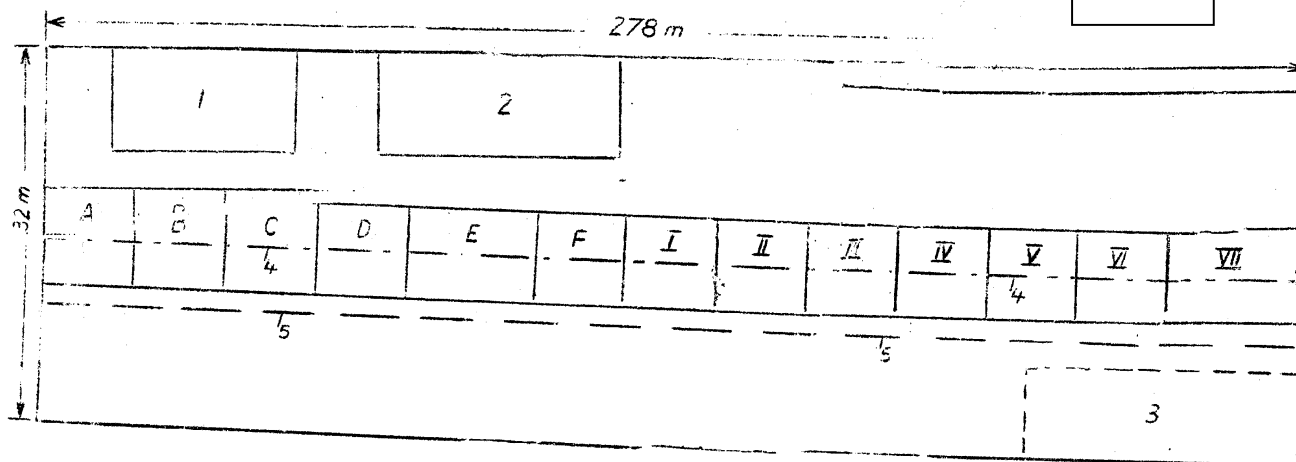
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 Approved For Release 2002/08/08 : CIA-RDP82-00457R011400220003-2  
A Schematic Sketch Specifying the Stages of  
Disassembling and Assembling Work on the  
Assembly Line

Annex 2

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Annex 2

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A Schematic Sketch Specifying the Stages of Disassembling and AssemblingWork on the Conveyor Belt.

(Maximum capacity: 30 tanks)

## Legend:

- A Disassembly of tank tracks. The tracks can also be disassembled beside the conveyor belt. Disassembled tracks are hauled to another workshop.
- B Disassembly of bogie wheels and turret. The turret is transported to the opposite corner by means of a crane; tank weapons are taken to the ordnance shop.
- C Tanks are lifted on a mobile support. Removal of engine and gears.
- D Tank washing cabin, 9.80 meters long.
- E Two drums under construction, probably for autogeneous and electric welding; work with compressed air hammers. See Annex 3.
- F Tank washing cabin, same as item D
  - I Assembly of bogie wheels
  - II Spraying of tanks in a special cabin, See Annex 1
  - III Mounting of tracks
  - IV Installation of engine and gears
  - V Laying of electrical lines and other repair work
  - VI Mounting of turret with installed weapons; the tank is lifted from its mobile support
  - VII Greasing of tanks from a grease pit
    - 1 Cleaning of engines
    - 2 Steam bath for bogie wheels
    - 3 Storage site for disassembled tank turrets
    - 4 Wire rope
    - 5 Electric cable

The assembly line is formed by two rails, 1.435 meters apart. A wire rope with hooks, 22.5 meters apart, runs between the rails. An electric cable with switches, 22.5 meters apart, runs parallel to the rails. When the switches are operated, the tank hull automatically advances by 25 meters. The mobile support upon which the tank hull rests is fastened to the hook.

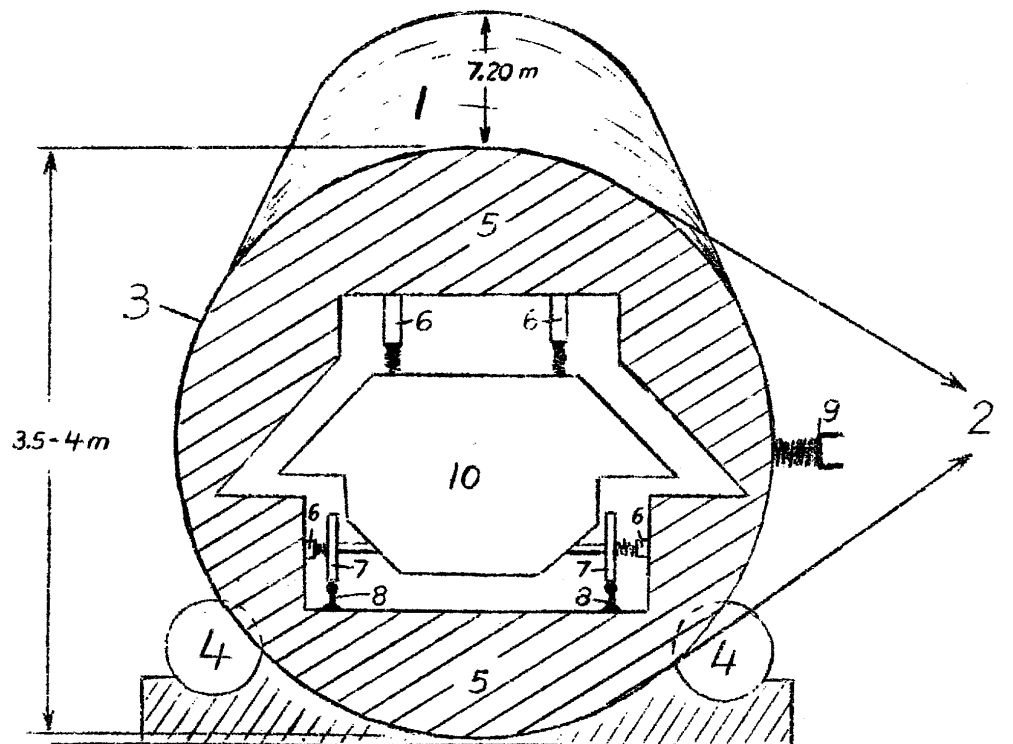
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Annex 3

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Front View of Rotating Drum Used for the Repair of  
Tank Hulls in Kirchmoeser



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Annex 3

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Front View of Rotating Drum Used for the Repair of Tank Hulls in Kirchmoeser.

Legend:

- 1 The drum is 7.20 meters long and 3.5 to 4 meters high
- 2 Electrically operated wire used to rotate the drum
- 3 Guide rail, U-iron, around the drum at its two ends
- 4 Wheels running on the guide rail and supporting the weight of the drum
- 5 Exit or entrance of drum; the profile of the tank hull is cut out from a sheet metal cover
- 6 Special clamps welded to the inner side of the drum by which the tank is fastened
- 7 Bogie wheels supporting the tank hull
- 8 Rails on which the bogie wheels run
- 9 External fastening device for rotating drum
- 10 Tank hull

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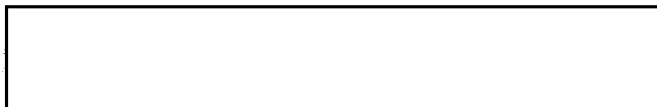
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A Blueprint of a Soviet Original Draft for the  
Construction of a Spray-Painting Shop

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